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THE CHRONICLE of Higher Education

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News Summary

Articles on inside pages

Genetic engineering applied to human subjects has prompted a federal investigation at the University of California at Los Angeles. Story on Page 2.

Grade inflation has come to a halt, according to a new report, but it is a long way from being reversed. Story on Page 5.

Accreditation of law schools will continue to be shared by two organizations, the American Bar Association and the Association of American Law Schools. Story on Page 4.

Oral history, once maligned in academe, is rapidly becoming more popular with historians and the general public. Story on Page 3.

Futurists have gained a foothold at some colleges, but many of them fear the field still lacks academic respectability. Story on Page 13.

A dispute over confidentiality of employment records has been settled by the University of California and the U. S. Labor Department. Story on Page 21.

The Supreme Court has heard arguments in a case involving a teacher who was denied tenure, then charged job discrimination. Story on Page 21.

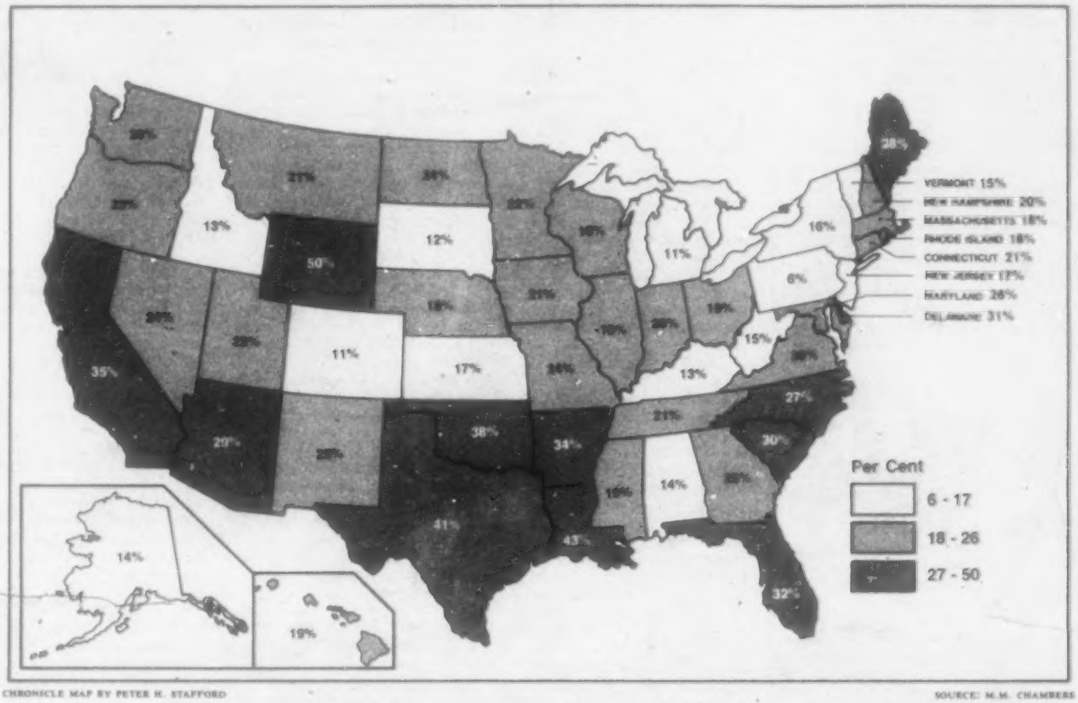
President Carter signed the Higher Education Amendments of 1980 on the campus of a Virginia community college. Story on Page 23.

Michael Walzer, author of *Radical Principles: Reflections of an Unreconstructed Democrat*, takes a grassroots approach to political philosophy. Story on Page 27.

ALSO IN THIS ISSUE

Books	27-30
Bulletin Board	37-63
Calendar	35-36
Canadian News	25
Deadlines	36
Deaths	34
Fact-Files	8-10
Gazette	34
Grants	34
Ideas	24
International News	25-26
Letters	31-32
Marginalia	2
News in Brief	2
Notes on Continuing Education	3
Opinion	33
Point of View	64
Science	26
Textbooks	29
Washington News	21-24

Despite Recession, States Increase Support for Higher Education



CHRONICLE MAP BY PETER H. STAFFORD

SOURCE: M.M. CHAMBERS

The average two-year increase in state tax funds appropriated for higher education in 1980-81 is 23 per cent. For individual states, the increases ranged from 50 per cent in Wyoming to 6 per cent in Pennsylvania. Stories, additional charts, and two Fact-Files on Pages 6-10.

Poland's Universities Reopen Peacefully as Students, Teachers Gain Concessions

By Sue Masterman

WARSAW

Poland's new leaders have successfully fended off, at least for the time being, the threat of a rebellion by university students and faculty members.

In a series of meetings with Stanislav Kania, the Polish Communist Party's new First Secretary, and other party officials, student leaders and faculty representatives were told, in effect, that their demands for greater control over their own affairs would be met. The meetings were held shortly before the universities reopened last Monday and just before an emergency meeting of the Communist Party Central Committee.

The students and professors had threatened to occupy the universities, hold sit-ins, and—if necessary—to form their own free universities to achieve their goals.

Students had said that they wanted a new union, along the lines of the free trade unions established during last month's labor unrest. The faculty members had demanded secret voting in the election of university administrators, and the right to lecture on subjects of their own choosing.

At the meetings, the Communist Party leaders told the students and professors that new student unions, already being formed at several universities, would be recognized, and that students could form a national students' union free from party control.

Faculty members were told that from now on, the top posts in universities and other institutions of higher education would be filled through secret-ballot elections. Faculty members who are not members of the Communist Party would have an equal opportunity to hold university offices, the leaders said.

The new leaders promised to hold further discussions on the questions of lectures and censorship, and to seek com-

Continued on Page 26, Column 4

Improve the Quality of Schools, Humanities Commission Urges

By Malcolm G. Scully

NEW YORK

The highest educational priority for the United States in the 1980's should be "a dramatic improvement in the quality of our elementary and secondary schools," a national commission on the humanities said last week.

The Commission on the Humanities, established by the Rockefeller Foundation, also called for increased financial support for advanced research in the humanities and for cultural institutions such as museums and libraries. The 32-member commission warned, however, that "the humanities cannot realistically expect large increases in funding in the 1980's, during a period of widespread retrenchment."

Excerpts from the commission's final report begin on Page 14.

Humanists should not "blame the economy for every woe," the panel said.

"No law of history proves that minds must close when belts are tightened.

"We believe the humanities need reaf-

Continued on Page 14, Column 1

State Appropriations for Higher Education Up 10 Pct. in 1 Year, 23 Pct. in 2 Years

Funds for operating colleges reach $20-billion for first time; most states at least keep pace with inflation

By Jack Magarrell

Despite the widespread effects of a recession, legislatures in the 50 states have increased appropriations for higher education 10 per cent in the past year and 23 per cent in the past two years.

That growth makes up for the loss of purchasing power caused by inflation, with a little left over to cover increases in enrollment.

The 50 states' appropriations for the support of higher education during 1980-81 totals $20.9-billion, compared with $19-billion last year, $16.9-billion two years ago, and less than $7-billion ten years ago. The appropriations data were compiled by M. M. Chambers, professor of educational administration at Illinois State University.

Within those national averages, however, are substantial differences among the states.

The two-year increases in higher-education appropriations—1980-81 compared with 1978-79—range from a high of 50 per cent in Wyoming to a low of 6 per cent in Pennsylvania.

Inflation Wins in 13 States

Appropriations in 13 states did not increase enough to offset the effect of inflation on the cost of operating colleges and universities.

The states in which higher education lost ground, in terms of purchasing power, were Pennsylvania, down 10 per cent in two years; Colorado and Michigan, down 6 per cent; Idaho, Kentucky, and South Dakota, down 5 per cent; Alabama and Alaska, down 4 per cent; Vermont and West Virginia, down 3 per cent; New Jersey and New York, down 2 per cent, and Kansas, down 1 per cent.

Appropriations were unchanged from two years ago, after adjusting for inflation, in six states—Hawaii, Illinois, Massachusetts, Nebraska, Rhode Island, and Wisconsin.

In the 31 states in which the two-year increase in appropriations exceeded the inflation rate, the net gain ranged from 27 per cent in Wyoming to 1 per cent in Indiana, Mississippi, New Hampshire, Ohio, and Virginia.

The number of states keeping up with inflation showed a substantial decline from a year ago, when 41 states made net gains in their state appropriations.

During the year ending last June, prices paid by colleges and universities for goods and services, such as salaries, supplies, and energy, rose a record 9.9 per cent, according to the Higher Education Price Index, developed by D. Kent Halstead of the National Institute of Education.

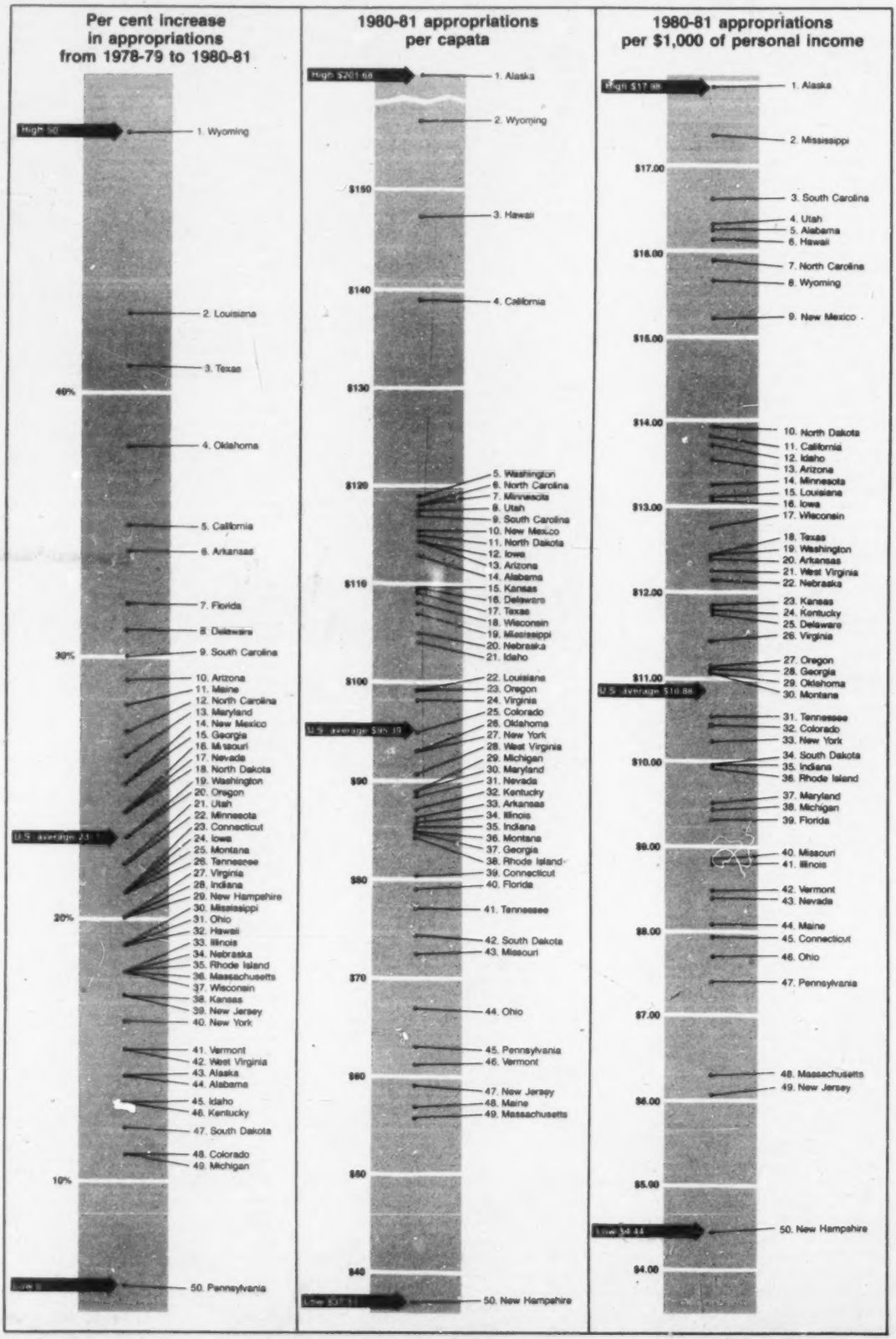
Up 18 Pct. in 2 Years

During the past two years, the index has risen more than 18 per cent. It indicates that over the past 10 years prices paid by colleges and universities have nearly doubled.

The price increases measured by Mr. Halstead's index reduce the two-year increase in state funds for higher education from 23 per cent before adjustment for inflation to 4 per cent after adjustment.

The amount of money appropriated by

Continued on Page 10, Column 1



SOURCES: M.M. CHAMBERS, CENSUS BUREAU, DEPARTMENT OF COMMERCE

CHRONICLE CHARTS BY PETER H. STAFFORD

Appropriations of state tax funds for 1980-81 are ranked above according to three criteria: the percentage increase over 1978-79, the amount of 1980-81 appropriations per person in each state, and amount for each $1,000 of total personal income.

NOTE

ONLY THE FOLLOWING PAGES OF THIS PUBLICATION

HAVE BEEN FILMED

p. 1, 7-10.

FACT-FILE

State Tax Funds for Higher Education

The following data were compiled by M. M. Chambers, professor of educational administration at Illinois State University. The full report, with additional footnotes, will be available after November 1 from the National Association of State Universities and Land-Grant Colleges, One Dupont Circle, Washington 20036. The price is $3.50 a copy for non-members.

Annual Appropriations

	Appropriations 1980-81 (add 000)	2-year change
ALABAMA		
U of Alabama		
Birmingham	$ 68,700	+15%
Tuscaloosa	44,900	+15%
Huntsville	12,000	+15%
Auburn U	68,372	n/c
U of South Alabama	25,738	+15%
Jacksonville St U	12,500	+13%
Alabama A&M U	9,700	+16%
Troy St U	8,900	+12%
Alabama St U	8,350	+13%
U of North Alabama	7,950	+13%
U of Montevallo	6,500	+21%
Livingston U	3,900	+21%
Athens St C	1,620	+ 8%
Aid to jr colleges	44,745	+12%
Aid to voc-tech schs	37,151	+13%
Aid to pvt insts	2,485	0%
Student aid	939	n/c
Other appropriations*	63,049	n/c
Total	**$ 427,499**	**+14%**
ALASKA		
U of Alaska		
Fairbanks	$ 25,544	+16%
Anchorage	11,540	+ 5%
Juneau	4,706	+39%
Aid to comm colleges	21,064	+25%
Student aid	78	n/c
Other appropriations	18,952	+ 2%
Total	**$ 81,884**	**+14%**
ARIZONA		
U of Arizona	$ 124,328	+29%
Arizona St U	80,065	+35%
Northern Arizona U	28,302	+33%
Aid to comm colleges	44,164	n/c
Other appropriations	3,587	n/c
Total	**$ 280,446**	**+29%**
ARKANSAS		
U of Arkansas	$ 119,701	+34%
Arkansas St U	18,616	+33%
U of Central Arkansas	12,592	+49%
Southern Arkansas U	7,406	+32%
Henderson St U	7,176	+25%
Arkansas Tech U	6,368	+48%
Aid to community and jr colleges	13,142	+35%
Student aid	1,565	+23%
Other appropriations	1,001	−18%
Total	**$ 187,567**	**+34%**
CALIFORNIA		
U of California	$ 1,039,116	+38%
Cal St U & Colls		
San Diego	81,281	n/c
Long Beach	74,153	n/c
San Jose	66,912	n/c
Northridge	64,521	n/c
San Francisco	61,751	n/c
Los Angeles	60,873	n/c
San Luis Obispo	58,492	n/c
Sacramento	57,440	n/c
Fullerton	52,258	n/c
Fresno	50,247	n/c
Pomona	48,087	n/c
Chico	46,068	n/c
Hayward	36,879	n/c
Humboldt	31,002	n/c
Dominguez Hills	22,410	n/c
Sonoma	21,521	n/c
San Bernardino	16,128	n/c
Stanislaus	14,399	n/c
Bakersfield	14,459	n/c
Hastings C of Law	6,800	+59%
Cal Maritime Academy	3,199	+40%
Aid to comm colleges	1,092,215	n/c
Student aid	83,225	n/c
Postsecondary Ed Commission	2,102	+17%
Other appropriations	53,347	n/c
Total	**$ 3,158,885**	**+35%**
COLORADO		
U of Colorado	$ 78,556	+12%
Colorado St U	36,726	+13%
U of Northern Colo	18,240	+19%
Colo Sch of Mines	7,259	+ 2%
U of Southern Colo	6,992	n/c
Ft Lewis C	3,784	+13%
State colleges		
Metropolitan St C	8,793	+ 4%
Western St C	4,538	+20%
COLORADO—Continued		
State Colleges		
Mesa C	$ 4,301	+20%
Adams St C	3,835	+11%
Central administration	216	+19%
Aid to state comm colls	26,900	n/c
Aid to dist comm colls	7,041	+15%
Occupational ed	18,174	+11%
Student aid	11,291	−28%
Veterans' tuition aid	872	−46%
Other appropriations*	24,466	n/c
Total	**$ 263,984**	**+11%**
CONNECTICUT		
U of Connecticut	$ 05,681	+18%
State colleges		
Central Connecticut	17,747	+16%
Southern Connecticut	17,523	+15%
Western Connecticut	7,735	+26%
Eastern Connecticut	6,485	+34%
Bd for state colleges	877	+61%
Higher Ed Ctr	1,185	+109%
Aid to regional comm colleges	30,758	n/c
Aid to state tech colleges	9,153	n/c
Other appropriations*	53,213	n/c
Total	**$ 250,357**	**+21%**
DELAWARE		
U of Delaware	$ 38,087	+31%
Del Tech and Comm Coll	15,216	+23%
Delaware St C	8,678	+34%
Delaware Inst of Med Ed and Research	1,250	+47%
Delaware Inst Veterinary Med Ed	105	n/c
Other appropriations	475	n/c
Total	**$ 63,811**	**+31%**
FLORIDA		
U of Florida	$ 185,526	+34%
U of South Florida	70,529	+36%
Florida St U	66,347	+38%
Florida International U	28,509	+35%
U of Central Florida	27,076	n/c
Florida Atlantic U	19,619	+36%
Florida A&M U	17,963	+34%
U of West Florida	16,039	+40%
U of North Florida	12,133	+44%
U of Miami Med Sch	6,517	+12%
U of Miami Nurs Prog	326	n/c
Barry C, Social Work	148	n/c
Aid to comm colleges	243,489	+26%
Other appropriations	11,188	+12%
Total	**$ 705,409**	**+32%**
GEORGIA		
U of Georgia	$ 118,841	+23%
Medical C of Georgia	56,409	n/c
Georgia St U	44,415	+18%
Georgia Inst of Tech	36,391	n/c
State colleges		
Georgia Southern C	12,053	+27%
West Georgia C	10,551	+21%
Valdosta St C	7,996	+26%
Columbus C	7,918	+22%
Savannah St C	6,227	+38%
Fort Valley St C	5,969	+24%
Augusta C	5,717	+25%
Georgia C	5,676	+25%
Albany St C	5,171	+27%
Armstrong St C	5,072	+30%
Georgia SW C	5,032	+22%
Kennesaw C	4,921	+57%
Southern Tech Inst	3,921	+35%
North Georgia C	3,736	+26%
Aid to state jr colleges	33,638	+21%
Aid to local jr colleges	5,875	+11%
Student aid	693	+16%
Other appropriations	45,741	n/c
Total	**$ 431,963**	**+25%**
HAWAII		
U of Hawaii	$ 121,645	n/c
Other appropriations*	28,447	n/c
Less tuition and other revenue	−14,719	+ 2%
Total	**$ 135,373**	**+19%**
IDAHO		
U of Idaho	$ 36,514	n/c
Boise St U	18,694	+15%
Idaho St U	18,324	+13%
Lewis-Clark St C	3,041	+19%
Aid to jr colleges*	4,506	+21%
Student aid	306	n/c
Other appropriations	12,761	n/c
Total	**$ 94,146**	**+13%**
ILLINOIS		
U of Illinois		
Urbana-Champaign	$ 169,828	+20%
Medical Center	113,806	+40%
Chicago Circle	43,010	− 9%
General university	19,233	+35%
Southern Illinois U	126,935	+17%
Northern Illinois U	55,876	+21%
ILLINOIS—Continued		
Illinois St U	$ 47,041	+20%
Western Illinois U	33,480	+16%
Eastern Illinois U	23,641	+26%
Northeastern Illinois U	20,038	+27%
Chicago St U	16,807	+19%
Governors St U	13,181	+20%
Sangamon St U	12,759	+17%
Aid to comm colleges	146,621	+17%
Student aid	85,892	+ 3%
Other appropriations	33,636	+22%
Total	**$ 964,584**	**+18%**
INDIANA		
Indiana U	$ 173,025	+21%
Purdue U	124,868	n/c
Ball St U	46,215	+19%
Indiana St U	41,759	+22%
Indiana Voc-Tech C	18,663	+21%
Vincennes U	7,540	+41%
Student aid	20,356	+1%
Other appropriations	27,213	n/c
Total	**$ 459,639**	**+20%**
IOWA		
U of Iowa	$ 128,970	+19%
Iowa St U	94,921	+22%
U of Northern Iowa	31,345	+22%
Des Moines C of Osteo	1,200	0%
Aid to area schools	59,152	+25%
Student aid	15,550	+21%
Other appropriations	1,106	n/c
Total	**$ 332,244**	**+21%**
KANSAS		
U of Kansas	$ 109,290	+19%
Kansas St U	58,571	+15%
Wichita St U	26,068	+18%
Emporia St U	13,130	+13%
Pittsburg St U	12,437	+13%
Fort Hays St U	11,444	+21%
Washburn U of Topeka	2,629	+ 9%
Kansas Tech Inst	1,618	+49%
Aid to jr colleges	19,813	+16%
Other appropriations	5,859	n/c
Total	**$ 259,959**	**+17%**
KENTUCKY		
U of Kentucky	$ 120,549	+14%
U of Louisville	62,592	+18%
Eastern Kentucky U	27,528	+13%
Western Kentucky U	26,801	+11%
Murray St U	20,962	+14%
Morehead St U	16,736	+11%
Northern Kentucky U	13,497	+12%
Kentucky St U	8,687	+16%
Other appropriations	10,220	n/c
Total	**$ 307,572**	**+13%**
LOUISIANA		
Louisiana St U	$ 224,622	+48%
Southern U	30,004	+37%
Bd of Trustees system		
U of SW Louisiana	25,272	+35%
Louisiana Tech U	19,880	+44%
NE Louisiana U	18,699	+33%
SE Louisiana U	14,468	+39%
Northwestern St U	13,978	+31%
Nicholls St U	13,338	+41%
McNeese St U	10,965	+26%
Grambling St U	10,612	+41%
Delgado CC	9,880	+36%
System administration	798	+38%
Aid to pvt colleges	2,600	+44%
Student aid	1,632	+72%
Other appropriations	1,577	n/c
Total	**$ 398,325**	**+43%**
MAINE		
U of Maine	$ 49,312	+28%
Maine Maritime Acad	2,398	+21%
Vocational education	8,078	n/c
Student aid	2,813	+32%
Other appropriations	27	+ 8%
Total	**$ 62,628**	**+28%**
MARYLAND		
U of Maryland	$ 164,734	+22%
State colleges		
Towson	19,395	+29%
Frostburg	7,936	+31%
Salisbury	6,776	+30%
U of Baltimore	6,053	+46%
Bowie	5,961	+24%
Coppin	5,270	+22%
Saint Mary's C of Md	3,426	+23%
Morgan	13,001	+23%
Trustees	4,527	− 1%
Aid to comm colleges	49,499	+ 4%
Aid to pvt colleges	9,980	+54%
Student aid	7,516	+29%
Other appropriations*	63,627	+60%
Total	**$ 367,701**	**+28%**
MASSACHUSETTS		
U of Massachusetts	$ 127,256	n/c
U of Lowell	22,259	+22%
MASSACHUSETTS—Continued		
SE Massachusetts U	$ 14,933	+20%
State colleges		
Salem	11,711	+23%
Boston	11,127	+11%
Bridgewater	10,781	+29%
Fitchburg	9,382	+25%
Worcester	7,190	+19%
Westfield	7,150	+30%
Framingham	7,095	+30%
North Adams	5,229	+29%
Mass Maritime Acad	4,544	+41%
Mass C of Art	3,422	+26%
Board of trustees	480	−51%
Aid to comm colleges	81,869	+24%
Student aid	14,685	+13%
Other appropriations	3,385	n/c
Total	**$ 322,498**	**+18%**
MICHIGAN		
U of Michigan*	$ 165,946	+10%
Michigan St U*	147,564	n/c
Wayne St U*	99,219	+10%
Western Michigan U*	47,196	+10%
Eastern Michigan U*	35,127	+10%
Central Michigan U*	29,826	+10%
Ferris St C*	22,064	+10%
Michigan Tech U*	21,138	+10%
Northern Michigan U*	21,057	+10%
Oakland U*	19,954	+10%
Grand Valley St C's*	13,401	+10%
Saginaw Valley St C*	6,754	+12%
Lake Superior St C*	5,796	+12%
Aid to comm colleges*	135,992	+13%
Student aid*	36,776	+14%
Other appropriations*	8,590	n/c
Total*	**$ 816,400**	**+11%**
MINNESOTA		
U of Minnesota	$ 224,836	+15%
State universities	78,579	n/c
Aid to area voc-tech insts	91,055	+43%
Aid to comm colleges	37,649	+20%
Student aid	38,062	n/c
Other appropriations	7,773	n/c
Total	**$ 477,954**	**+22%**
MISSISSIPPI		
U of Mississippi	$ 60,686	+25%
Mississippi St U	54,358	+21%
U of So Mississippi	27,701	n/c
Jackson St U	14,016	+20%
Miss U for Women	8,244	n/c
Delta St U	8,003	+17%
Alcorn St U	7,521	+17%
Miss Valley State U	6,543	+ 9%
Gulf Coast Research Lab	2,594	13%
Vocational education	30,631	+26%
Aid to jr colleges	32,579	+12%
Student aid	872	n/c
Other appropriations	7,534	n/c
Total	**$ 261,282**	**+19%**
MISSOURI		
U of Missouri	$ 183,721	+23%
SW Missouri St U	23,963	+29%
Central Missouri St U	20,053	+23%
SE Missouri St U	17,385	+24%
NE Missouri St U	13,793	+27%
NW Missouri St U	9,866	+11%
Missouri Western St C	6,926	+19%
Missouri Southern St C	6,632	+11%
Lincoln U	6,397	+14%
Harris-Stowe C	2,939	+66%
Aid to pub jr colleges	33,265	+17%
Student aid	8,543	+14%
Other appropriations*	19,767	+61%
Total	**$ 353,253**	**+24%**
MONTANA		
Montana St U	$ 25,885	+24%
U of Montana	18,553	+n/c
Eastern Montana C	7,115	+23%
C of Min Sci & Tech	3,900	+30%
Northern Montana C	3,229	+15%
Western Montana C	1,861	+ 6%
Aid to comm colleges	2,081	+ 4%
Student aid	1,632	+12%
Other appropriations	2,247	+ 7%
Total	**$ 66,503**	**+21%**
NEBRASKA		
U of Nebraska	$ 128,183	+19%
Kearney St C	8,018	+17%
Wayne St C	4,581	+19%
Chadron St C	4,461	+18%
Peru St C	2,650	+21%
System office	537	+32%
Aid to tech comm colls	17,652	+14%
Other appropriations	73	+14%
Total	**$ 166,155**	**+18%**
NEVADA		
U of Nevada Reno	$ 29,287	+20%
U of Nevada Las Vegas	16,562	+11%
Aid to comm colleges	10,229	+35%
Student aid	100	0%

in 1980-81, and Change Since 1978-79

	Appropriations 1980-81 (add 000)	2-year change
NEVADA—Continued		
Other appropriations	$ 5,909	n/c
Total	**$ 62,107**	**+34%**
NEW HAMPSHIRE		
U of New Hampshire	$ 17,879	+ 9%
Keene St C	2,694	+22%
Plymouth St C	2,692	+22%
UNH System Adm	2,049	n/c
Aid to tech colleges	5,750	+16%
Student aid	519	n/c
Other appropriations	936	n/c
Total	**$ 32,919**	**+20%**
NEW JERSEY		
Rutgers, the St U	$ 118,572	+15%
NJ C of Med & Dentistry	66,960	+26%
NJ Inst of Tech	15,967	+15%
State colleges		
Montclair	17,764	+14%
Paterson	16,510	+15%
Trenton	15,345	+16%
Kean	14,923	+14%
Glassboro	14,265	+16%
Jersey City	13,424	+22%
Richard Stockton	8,015	+17%
Ramapo	7,539	+15%
Edison C of NJ	1,014	+43%
Aid to county colleges	52,883	+ 8%
Aid to pvt colleges	10,575	+27%
Student aid	48,391	+14%
Other appropriations	9,975	n/c
Total*	**$ 434,222**	**+17%**
NEW MEXICO		
U of New Mexico	$ 66,765	n/c
New Mexico St U	42,977	+33%
E New Mexico U	13,249	+23%
NM Highlands U	6,534	+20%
NM Inst of Min & Tech	6,190	+27%
W New Mexico U	3,503	+20%
N New Mexico CC	2,411	+21%
NM Military Inst	474	+115%
Aid to jr colleges	325	+15%
Student aid	385	+28%
Other appropriations	503	+13%
Total	**$ 143,316**	**+25%**
NEW YORK		
SUNY centers		
Stony Brook	$ 113,713	+31%
Buffalo	107,134	+19%
Albany	53,792	+16%
Binghamton	35,641	+18%
SUNY medical ctrs	122,761	+22%
SUNY colleges		
Buffalo	28,190	+15%
Brockport	26,192	+13%
Oswego	23,510	+14%
New Paltz	18,894	+10%
Oneonta	18,767	+15%
Plattsburgh	17,449	+20%
Cortland	17,104	+14%
Geneseo	17,027	+15%
Potsdam	16,284	+16%
Fredonia	15,155	+15%
Purchase	14,325	+16%
Old Westbury	9,431	+35%
Statutory colleges		
Cornell U	58,212	+22%
Alfred U	3,561	+21%
Specialized colleges		
Environmental Sci & Forestry	11,535	+18%
Empire State	8,502	+27%
C of Tech	7,006	n/c
Maritime	5,757	n/c
Optometry	5,257	+23%
Ag & tech colleges	63,311	+17%
University-wide progs	63,742	n/c
Less student fees and other income	−141,643	+53%
Aid to comm colleges	176,209	n/c
Aid to pvt colleges	97,117	+ 6%
Student aid	262,800	n/c
Other appropriations*	367,826	n/c
Total	**$ 1,644,301**	**+16%**
NORTH CAROLINA		
U of North Carolina		
Chapel Hill	$ 149,736	+29%
Greensboro	25,345	+25%
Charlotte	20,490	+22%
Wilmington	10,661	+34%
Asheville	4,664	+22%
North Carolina St U	98,888	n/c
East Carolina U	44,509	+38%
Appalachian St U	22,911	+24%
NC A&T St U	15,906	+23%
Western Carolina U	15,816	+20%
NC Central U	13,894	+24%
Winston-Salem St U	7,086	+25%
Fayetteville St U	6,798	+24%
Pembroke St U	6,003	+16%
Elizabeth City St U	5,649	+17%
NC Sch of the Arts	3,806	+33%
General administration	32,771	+23%
Veterans' benefits	2,300	+12%

	Appropriations 1980-81 (add 000)	2-year change
NORTH CAROLINA—Continued		
Aid to comm colleges and tech insts	$ 173,442	+24%
Total	**$ 680,645**	**+27%**
OHIO		
Ohio St U	$ 173,800	+23%
U of Cincinnati	69,060	+16%
Kent St U	41,391	+14%
U of Akron	36,369	+24%
Ohio U	34,715	+20%
Bowling Green St U	34,039	+19%
Miami U	29,660	+20%
Cleveland St U	29,372	+16%
U of Toledo	29,002	+17%
Wright St U	26,146	+41%
Youngstown St U	23,042	+17%
Central St U	8,196	+12%
Medical C of Ohio	14,035	+17%
Case Western Res U	6,697	+12%
Northeastern Med C	6,093	+49%
Wright St Medical C	3,495	−36%
C of Podiatric Med	500	n/c
Aid to comm colleges	39,386	+10%
Aid to gen & tech colleges	4,352	+27%
U branches	21,766	+13%
Technical colleges	36,738	+26%
Other appropriations	52,238	+19%
Total	**$ 719,901**	**+19%**
OKLAHOMA		
U of Oklahoma	$ 80,739	n/c
Oklahoma St U	73,043	+36%
Central St U	15,446	+29%
Northeastern St U	9,129	+35%
Southwestern St U	8,569	+32%
Cameron U	7,443	+41%
Southeastern St U	6,159	+38%
East Central St U	6,061	+46%
Oklahoma C of Osteopathic Med	4,001	+29%
Langston U	3,326	+54%
U of Science & Arts	2,900	+29%
Northwestern St U	2,761	+32%
Okla Panhandle St U	2,606	+39%
Aid to jr colleges	47,295	+44%
Student aid	100	n/c
Other appropriations	1,600	n/c
Total	**$ 271,180**	**+38%**
OREGON		
U of Oregon	$ 31,349	+15%
U of Ore Health Sci Ctr	41,240	+32%
Oregon St U	56,601	+26%
Portland St U	23,162	+17%
So Oregon St C	8,148	+21%
Oregon C of Ed	6,885	+24%
Oregon Inst of Tech	6,330	+20%
Eastern Oregon St C	4,363	+20%
Aid to comm colleges	51,222	+17%
Student aid	9,932	+22%
Other appropriations	11,211	n/c
Total	**$ 250,443**	**+23%**
PENNSYLVANIA		
Pennsylvania St U	$ 114,359	n/c
Temple U	71,472	n/c
U of Pittsburgh	63,975	+ 1%
Lincoln U	3,535	+ 6%
State-owned insts		
Indiana U of Pa	26,562	+20%
West Chester	20,819	+13%
Edinboro	16,594	+ 9%
Slippery Rock	15,179	+ 7%
Bloomsburg	15,052	+20%
California	14,965	+10%
Clarion	14,348	+13%
Millersville	14,491	+ 8%
Shippensburg	14,146	+13%
Kutztown	13,267	+13%
East Stroudsburg	11,853	+23%
Mansfield	10,364	+11%
Cheyney	9,564	+15%
Lock Haven	8,853	+19%
Unallocated	400	+150%
Pvt. state-aided insts		
U of Pennsylvania	18,360	+ 2%
Thomas Jefferson U	5,291	− 4%
Drexel U	3,448	− 4%
Philadelphia C of Osteopathic Med	3,271	− 9%
Hahnemann Med C	3,189	− 8%
Med C of Pa*	2,076	+ 3%
Pa C of Optometry	777	+253%
Pa C Podiatric Med*	636	− 4%
Philadelphia C of Art	419	− 4%
Philadelphia C of Textiles & Science	368	− 4%
Del Valley Sci & Ag	279	− 3%
Pvt. state-aided insts		
Phil C Perf Arts	97	− 4%
Aid to comm colleges*	42,000	+ 8%
Other appropriations*	202,042	n/c
Total	**$ 742,081**	**+ 6%**
RHODE ISLAND		
U of Rhode Island	$ 39,468	+15%

	Appropriations 1980-81 (add 000)	2-year change
RHODE ISLAND—Continued		
Rhode Island C	$ 18,633	+19%
Rhode Island Jr C	14,050	+19%
Student aid	4,636	+45%
Aid to medical ed	1,167	+17%
Other appropriations	387	+30%
Total	**$ 78,321**	**+18%**
SOUTH CAROLINA		
U of South Carolina	$ 94,993	+35%
Medical U of SC	69,810	+31%
Clemson U	63,159	+23%
C of Charleston	10,860	+25%
South Carolina St C	11,477	+32%
Winthrop C	11,214	+41%
The Citadel	9,052	+32%
Francis Marion C	5,873	+34%
Lander C	3,993	+28%
Board for tech & comp ed	51,471	+31%
Aid to pvt-coll students	11,006	+18%
Other appropriations	1,584	+13%
Total	**$ 344,492**	**+30%**
SOUTH DAKOTA		
South Dakota St U	$ 19,477	+12%
U of South Dakota	16,475	+13%
SD Sch of Mines & Tech	4,501	n/c
Northern St C	3,887	+10%
Black Hills St C	3,230	+19%
Dakota St C	1,763	+ 6%
Student aid	496	+ 2%
Other appropriations	1,365	n/c
Total	**$ 51,194**	**+12%**
TENNESSEE		
U of Tennessee	$ 149,926	n/c
Memphis St U	33,019	+ 9%
East Tennessee St U	21,703	+15%
Middle Tenn St U	17,895	+17%
Austin Peay St U	7,695	+13%
Tennessee St U	15,555	n/c
Tennessee Tech U	13,559	+11%
Aid to state comm colls	32,586	+18%
Aid to state tech insts	12,935	+30%
Student aid	5,514	+32%
Other appropriations*	27,776	n/c
Total	**$ 338,165**	**+21%**
TEXAS		
U of Texas	$ 540,893	n/c
Texas A&M U	163,863	n/c
U of Houston	90,934	n/c
Texas Tech U	82,740	+49%
North Texas St U	35,821	+54%
Southwest Texas St U	28,438	+80%
Texas Woman's U	25,499	+61%
Lamar U	19,835	+50%
East Texas St U	19,256	+21%
Texas St Tech Inst	19,071	+24%
Sam Houston St U	17,716	+62%
Stephen Austin St U	17,478	+43%
Texas Southern U	15,960	+50%
Pan American U	15,017	+49%
Tex C Osteo Med	14,395	+29%
Texas A&I U	12,124	+56%
West Texas St U	10,553	+42%
Angelo St U	8,840	+45%
Midwestern St U	7,443	+44%
Corp Christi St U	5,747	+50%
Sul Ross St U	4,730	+149%
Laredo St U	2,132	+29%
U of So Texas Administration	260	n/c
Texas St U Administration	225	n/c
Aid to jr colleges	252,348	+17%
Other appropriations	53,563	n/c
Total	**$ 1,464,881**	**+41%**
UTAH		
U of Utah	$ 70,815	+19%
Utah St U	37,154	+23%
Weber St C	19,006	+22%
Utah Tech C Salt Lake	7,458	+23%
Provo	6,547	+27%
Southern Utah St C	5,803	+23%
Snow C	3,183	+27%
Dixie C	3,166	+28%
C of Eastern Utah	2,540	+32%
Student aid	144	+18%
Other appropriations	5,038	n/c
Total	**$ 160,856**	**+23%**
VERMONT		
U of Vermont	$ 17,072	+17%
State colleges		
Castleton	1,747	+11%
Johnson	1,587	+19%
Lyndon	1,435	+18%
Vermont Tech C	1,558	+ 1%
CC of Vermont	552	−12%
Central Office	1,108	n/c
Student aid	5,366	n/c
Other appropriations	34	n/c
Total	**$ 30,459**	**+19%**

	Appropriations 1980-81 (add 000)	2-year change
VIRGINIA		
Virginia Polytech Inst and St U	$ 88,757	+17%
Va Commonwealth U	85,153	+15%
U of Virginia	80,857	+15%
Old Dominion U	24,363	+31%
C of William and Mary	23,436	n/c
George Mason U	18,271	+44%
Madison U	16,302	+27%
Norfolk St U	13,306	+27%
Radford U	9,853	+30%
Virginia St U	9,096	+22%
Longwood C	5,002	+26%
Mary Washington C	4,963	+30%
Virginia Military Inst	4,644	+17%
Christopher Newport C	4,340	+29%
Aid to comm colleges	98,138	+13%
Student aid	4,469	+ 0%
Other appropriations	18,779	n/c
Total	**$ 509,731**	**+20%**
WEST VIRGINIA		
West Virginia U	$ 79,460	n/c
Marshall U	21,123	+24%
Fairmont St C	7,025	+21%
West Virginia Inst of Tech	6,169	+23%
West Virginia St C	6,065	+15%
West Liberty St C	5,535	+15%
Shepherd C	4,446	+22%
Concord C	4,229	+18%
West Virginia C of Grad Studies	3,674	+22%
Glenville St C	3,494	+19%
Bluefield St C	3,316	n/c
West Virginia Sch of Osteopathic Med	3,019	− 2%
Community colleges	8,207	+46%
Student aid	2,600	+ 4%
Other appropriations*	17,957	n/c
Less student fees	−6,500	n/c
Total	**$ 169,819**	**+15%**
WISCONSIN		
U of Wisconsin		
Madison	$ 160,162	+20%
Milwaukee	52,662	+13%
Oshkosh	21,618	+14%
Eau Claire	20,242	+18%
Whitewater	16,949	+22%
Stevens Point	16,893	+22%
La Crosse	15,660	+20%
Stout	14,249	+17%
Platteville	11,149	+19%
Parkside	10,978	+20%
River Falls	10,963	+19%
Green Bay	10,190	+12%
Superior	7,985	+18%
Extension	25,700	+18%
Two-year centers	15,078	+20%
Med C of Wisconsin	5,807	+32%
Voc-tech adult ed	59,378	+21%
Other appropriations	35,384	+10%
Total	**$ 511,087**	**+18%**
WYOMING		
U of Wyoming	$ 49,876	+49%
Aid to comm colleges	20,514	+52%
Other appropriations	114	+25%
Total	**$ 70,504**	**+50%**

Biennial Appropriations

	Appropriations 1980-81 (add 000)	2-year change
NORTH DAKOTA		
North Dakota St U	$ 56,006	+24%
U of North Dakota	52,029	+25%
St Sch of Science	13,906	+22%
Minot St C	9,398	+15%
Dickinson St C	5,870	+25%
Valley City St C	5,070	+12%
Mayville St C	4,415	+26%
Aid to jr colleges	4,427	+22%
Student aid	200	n/c
Total	**$ 181,321**	**+24%**
WASHINGTON		
U of Washington	$ 266,143	+26%
Washington St U	161,083	+42%
W Washington U	51,262	+39%
E Washington U	45,825	+41%
Central Wash U	41,715	+43%
Evergreen St C	19,491	+27%
Aid to comm colleges	329,182	+39%
Student aid	11,252	+ 6%
Other appropriations	9,481	n/c
Total	**$ 935,434**	**+33%**

NOTE: Some totals may be inconsistent with itemized figures because of rounding.
n/c Not comparable
* Estimated

FACT-FILE

Analysis of State Funds for Higher Education

	1980-81 Appropriations (a)		Appropriations per capita (b)		Approp. per $1,000 of personal income (c)		2-year change (d)		10-year change (e)		2-yr. change less inflation (f)		10-yr. change less inflation (g)	
	Amount	Rank	Amount	Rank	Amount	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank	Per cent	Rank
Alabama	$ 427,499,000	17	$113.43	14	$16.29	5	+14%	44	+471%	1	− 4%	43	+190%	1
Alaska	81,984,000	40	201.68	1	17.98	1	+14%	43	+382%	2	− 4%	44	+145%	2
Arizona	280,446,000	26	114.47	13	13.59	13	+29%	10	+236%	17	+ 9%	10	+ 71%	17
Arkansas	187,567,000	33	86.04	33	12.41	20	+34%	6	+242%	16	+13%	6	+ 73%	16
California	3,156,885,000	1	139.19	4	13.85	11	+35%	5	+287%	8	+14%	5	+ 96%	8
Colorado	263,984,000	28	95.23	25	10.44	32	+11%	48	+139%	44	− 6%	48	+ 21%	44
Connecticut	250,357,000	32	80.37	39	7.93	45	+21%	23	+157%	38	+ 2%	23	+ 31%	38
Delaware	63,811,000	45	109.64	16	11.76	25	+31%	8	+215%	23	+10%	8	+ 60%	23
Florida	705,409,000	8	79.62	40	9.32	39	+32%	7	+192%	28	+11%	7	+ 48%	28
Georgia	431,963,000	16	84.42	37	11.06	28	+25%	15	+191%	29	+ 5%	15	+ 48%	29
Hawaii	136,373,000	38	147.95	3	16.20	6	+19%	32	+145%	40	0%	32	+ 25%	40
Idaho	94,146,000	39	104.03	21	13.74	12	+13%	45	+199%	27	− 5%	45	+ 52%	27
Illinois	964,584,000	4	85.90	34	8.77	41	+18%	33	+103%	50	0%	33	+ 3%	50
Indiana	459,639,000	14	85.12	35	9.93	35	+20%	28	+164%	36	+ 1%	28	+ 34%	36
Iowa	332,244,000	23	114.49	12	13.05	16	+21%	24	+207%	24	+ 2%	24	+ 56%	24
Kansas	259,859,000	30	109.69	15	11.88	23	+17%	38	+217%	22	− 1%	38	+ 61%	22
Kentucky	307,572,000	25	87.20	32	11.80	24	+13%	46	+218%	21	− 5%	46	+ 62%	21
Louisiana	398,325,000	18	99.14	22	13.07	15	+43%	2	+227%	19	+21%	2	+ 66%	19
Maine	62,628,000	46	57.09	48	8.11	44	+28%	11	+125%	47	+ 8%	11	+ 14%	47
Maryland	367,701,000	19	88.65	30	9.50	37	+26%	13	+204%	25	+ 6%	13	+ 54%	25
Massachusetts	322,498,000	24	55.90	49	6.29	48	+18%	36	+178%	33	0%	36	+ 41%	33
Michigan (est.)	816,400,000	5	86.67	29	9.43	38	+11%	49	+138%	45	− 6%	49	+ 21%	45
Minnesota	477,954,000	12	117.72	7	13.28	14	+22%	22	+233%	18	+ 3%	22	+ 69%	18
Mississippi	261,282,000	29	107.57	19	17.41	2	+19%	30	+262%	11	+ 1%	30	+ 84%	11
Missouri	353,252,000	20	72.58	43	8.80	40	+24%	16	+168%	35	+ 5%	16	+ 36%	35
Montana	66,503,000	44	84.61	36	11.01	30	+21%	25	+128%	46	+ 2%	25	+ 16%	46
Nebraska	166,155,000	35	105.56	20	12.16	22	+18%	34	+243%	14	0%	34	+ 74%	14
Nevada	62,107,000	47	88.47	31	8.41	43	+24%	17	+290%	6	+ 5%	17	+ 98%	6
New Hampshire	32,919,000	49	37.11	50	4.44	50	+20%	29	+201%	26	+ 1%	29	+ 53%	26
New Jersey	434,222,000	15	59.22	47	6.08	49	+17%	39	+181%	32	− 2%	39	+ 43%	32
New Mexico	143,316,000	37	115.48	10	15.27	9	+25%	14	+244%	13	+ 6%	14	+ 75%	13
New York	1,644,361,000	2	93.18	27	10.23	33	+16%	40	+120%	48	− 2%	40	+ 12%	48
North Carolina	660,645,000	9	117.85	6	15.96	7	+27%	12	+276%	9	+ 7%	12	+ 91%	9
North Dakota	75,660,000	42	115.16	11	13.99	10	+24%	18	+225%	20	+ 4%	18	+ 65%	20
Ohio	719,901,000	7	67.09	44	7.70	46	+19%	31	+176%	34	+ 1%	31	+ 40%	34
Oklahoma	271,180,000	27	93.77	26	11.02	29	+38%	4	+290%	7	+17%	4	+ 98%	7
Oregon	250,443,000	31	99.11	23	11.09	27	+23%	20	+159%	37	+ 4%	20	+ 32%	37
Pennsylvania	742,051,000	6	63.26	45	7.39	47	+ 6%	50	+140%	43	−10%	50	+ 22%	43
Rhode Island	78,321,000	41	84.31	38	9.91	36	+18%	35	+149%	39	0%	35	+ 27%	39
South Carolina	344,492,000	21	117.49	9	16.65	3	+30%	9	+313%	5	+10%	9	+110%	5
South Dakota	51,194,000	48	74.30	42	9.97	34	+12%	47	+141%	42	− 5%	47	+ 23%	42
Tennessee	338,165,000	22	77.21	41	10.51	31	+21%	26	+243%	15	+ 2%	26	+ 74%	15
Texas	1,464,881,000	3	109.48	17	12.46	18	+41%	3	+326%	4	+19%	3	+117%	4
Utah	160,856,000	36	117.67	8	16.35	4	+22%	21	+255%	12	+ 3%	21	+ 80%	12
Vermont	30,459,000	50	61.78	46	8.43	42	+15%	41	+106%	49	− 3%	41	+ 5%	49
Virginia	509,731,000	11	98.08	24	11.42	26	+20%	27	+274%	10	+ 1%	27	+ 90%	10
Washington	467,717,000	13	119.13	5	12.46	19	+23%	19	+145%	41	+ 4%	19	+ 24%	41
West Virginia	169,819,000	34	90.43	28	12.27	21	+15%	42	+189%	30	− 3%	42	+ 47%	30
Wisconsin	511,067,000	10	108.28	18	12.76	17	+18%	37	+182%	31	0%	37	+ 43%	31
Wyoming	70,504,000	43	156.68	2	15.79	8	+50%	1	+381%	3	+27%	1	+144%	3
Total U. S.	$20,931,931,000		$95.39		$10.88		+23%		+200%		+ 4%		+ 53%	

(a) Reported by M. M. Chambers of Illinois State University as state tax funds appropriated for operating expenses and scholarship programs for higher education. Not included are appropriations for capital outlay or sums which clearly originated from sources other than state taxes, such as student fees.
Included are appropriations for annual operating expenses even if appropriated to some other agency of the state for ultimate allocation to institutions of higher education.
Pre-allocated state taxes whose proceeds are dedicated to any institution of higher education are included even though the process of periodic appropriation by the legislature may be bypassed.
Also included are state tax funds appropriated for scholarships and statewide governing or coordinating boards.

(b) State appropriations divided by the U. S. Census Bureau's estimates of resident population of the states for 1979.
(c) State appropriations divided by state personal income, in thousands of dollars, reported by the U. S. Commerce Department for 1979.
(d) Increase in appropriations for 1980-81 over those for 1978-79, as reported by M.M. Chambers.
(e) Increase in appropriations for 1980-81 over those for 1970-71, as reported by M.M. Chambers.
(f) Two-year increase in appropriations adjusted for inflation of 18.4 per cent during the two years ending last June, as measured by D. Kent Halstead's Higher Education Price Index of prices paid by colleges and universities for goods and services.
(g) Ten-year increase in appropriations adjusted for inflation of 86.9 per cent during the 10 years ending last June, as measured by the Higher Education Price Index.

State Funds for Higher Education Continued from Page 7

all 50 states for higher education has tripled in the last 10 years. After adjusting for inflation, the 10-year increase was 53 per cent.

The price index lags a year behind appropriations and thus may understate the impact of higher costs during times of rising inflation rates. The Higher Education Price Index for the year in which 1980-81 appropriations will be spent will not be available until next fall.

A 4-per-cent net gain in state support since 1978-79 is approximately equal to the estimated increase in college enrollment during the past two years. The National Center for Education Statistics reported an enrollment increase of 2.8 per cent in the fall of 1979 and has projected an increase of a little over 1 per cent for this fall.

To some extent, appropriations for colleges and universities, and for student scholarships and loans, vary according to differences in the population and wealth of the individual states. Even when adjustments are made for population and income, however, substantial variations remain.

$95.39 Per Person

State spending for higher education this year averages $95.39 for each man, woman, and child and $10.88 for each $1,000 of total personal income.

Spending per person ranges from $201.68 in Alaska to $37.11 in New Hampshire. The same states account for the extremes in appropriations per $1,000 of personal income, with Alaska highest at $17.98, and New Hampshire lowest at $4.44.

California made the largest appropriation for higher education, more than $3.1-billion. Its per-capita spending of $139.19 ranks fourth and its appropriation of $13.85 per $1,000 of personal income ranks eleventh.

Other top states in higher-education appropriations per capita include Wyoming, $156.68, and Hawaii, $147.95. Leaders in appropriations per $1,000 of personal income include Mississippi, $17.41; South Carolina, $16.65; Utah, $16.35; and Alabama, $16.29.

1979 Population, Income Data

The population and personal-income data used in analyzing the 1980-81 appropriations are for 1979, the latest state-by-state estimates available from the Census Bureau and the U. S. Department of Commerce.

The appropriations figures compiled by Mr. Chambers represent tax revenue appropriated by the states for operating expenses at public colleges. They also include appropriations for state aid to local community colleges and, if they are primarily for post-high-school students, vocational-technical schools.

The appropriations also include funds for state-supported agencies and programs dealing with higher education, for student grants and loans, and for aid to private institutions through scholarships or other programs.

The appropriations data do not include amounts appropriated for capital expenditures or debt service.

Neither do they include money from federal, municipal, or county taxes.

STUDENTS DELAY N.J. LEGISLATION

UPI

TRENTON, N.J.

A student march on the state capitol and boycotts on four New Jersey campuses have delayed legislation that would use part of the income from a tuition increase to help finance the state's student-aid program.

The legislation, which has passed the state senate, was deferred by the assembly when its sponsor agreed to meet with student leaders before the vote.

About 100 students from Trenton State College demonstrated in front of the capitol against the legislation. More than half the students at Montclair and Trenton State Colleges, William Paterson College, and the New Jersey Institute of Technology boycotted classes for two days to protest the bill, according to a student spokesman at Montclair State.

Wash. Colleges Protest Cuts

SEATTLE

The presidents of six Washington state institutions joined last week in a protest against Gov. Dixy Lee Ray's plans to cut higher-education budgets by 12 per cent for the next two years.

The presidents of five public universities and one four-year college said the proposed cut would force their institutions, which now serve some 78,000 full-time students, to reduce enrollment by as much as 11,000. Some 900 faculty jobs and 1,000 staff jobs might have to be eliminated, the presidents said.

The state's 27 community colleges face the same 12-per-cent budget reduction, and with similar effects, said John N. Terrey, executive director of the Washington State Board for Community College Education. The community colleges might be forced to cut their total enrollment of 200,000 students by as much as 35,000, he said.

Although Governor Ray, who was defeated in the Democratic primary last month, will leave office in January, her successor will have little opportunity to revise the state budget before it is submitted to the legislature early next year.

Because of an expected decline in tax revenue, the governor's staff has directed colleges and universities to prepare "target" budgets reflecting an overall 12-per-cent reduction in spending from 1979-81 levels. The 12-per-cent cut would be in addition to a cut of 5 per cent in current spending ordered earlier by the governor.

The college and university presidents said they were prepared to raise student tuition and fees in line with rising costs, but that such increases alone could not make up for the state's declining support.

—BARRY MITZMAN

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News Summary

Articles

The Presidential campaign finds all three major candidates courting students, who seem more interested in state and local races. Stories on Pages 3 and 4.

Two choices for president confront the University of Pennsylvania's board of trustees. One is favored by the trustees' executive board; the other by the faculty. Story on Page 7.

Alternatives to academic life should be encouraged by colleges unable to provide faculty members with personal fulfillment, says an official of the American Council on Education. Story on Page 12.

Voting records of members of Congress may be published by charitable organizations without jeopardizing their tax exemption, the Internal Revenue Service has ruled. Story on Page 13.

Students from oil-rich countries account for more than 35 per cent of all foreign students enrolled in American colleges and universities. Story on Page 18.

Nearly a third of all Americans 25 or older now have at least one year of college education, the Census Bureau reports. Story on Page 2.

Professors are selling the complimentary copies of textbooks that they receive from pubishers—and the publishers don't like it. Story on page 19.

Criticism of history textbooks in Frances FitzGerald's *America Revised* has prompted much discussion, but little action. Story on Page 19.

An American at Oxford, President Keith Griffin of Magdalen College, is leading a fund-raising drive to preserve the college, which is nearly 500 years old. Story on Page 17.

ALSO IN THIS ISSUE

Books and Journals	19-22
Bulletin Board	29-55
Calendar	26-28
Deadlines	28
Deaths	25
Fact-Files	8, 10
Gazette	25
Grants	25
International News	17-18
Letters	24
Marginalia	2
News in Brief	2
Opinion	23
Point of View	56
Science	14
Textbooks	20
Washington News	13-14

mic Researchers Protest Rules ring Strict Accounting of Time

New U.S. requirements aimed at 'cheating' called onerous, threat to academic freedom

By Anne C. Roark

▶ A prominent mathematician at an East Coast university recently refused to complete any more government forms on the grounds that the requirements had become useless, time-consuming, and a "threat to academic freedom." His decision, he admits, could cost him thousands of dollars and his institution tens of millions of dollars annually.

▶ Last year, a doctor at a university hospital in New York retired early from his research post. He did so, he says, because the government's "petty requirements" had become a "dishonest ritual."

▶ This summer, a science administrator at a California university began urging his colleagues to stop applying for government grants whenever they could, even though federal dollars support the bulk of research at universities. "The strings attached to those grants," the administrator argues, "are beginning to cost universities as much to administer as they have ever been worth."

What each of these academics is protesting is a requirement that all recipients of government grants must account for 100 per cent of their time.

New regulations would give the Department of Health and Human Services broad powers to cut off research funds. See story, Page 13.

Buried inside a 10-page set of federal regulations governing university accounting procedures, the two-sentence-long rule demands that university professors who receive federal grants keep track of the portion of time they devote to research, to teaching, to administration, and to other activities—both on the campus and off. Any change in those ratios must be reported promptly so that government officials can decide what share of the indirect or overhead costs of research the government should pay on the projects it supports.

There are alternate methods for accounting for the time, but university critics say the whole process has become an onerous task for faculty members who often have erratic hours and overlapping schedules. What's more, university professors say they are opposing the requirements on the grounds that how they spend their time is none of the government's business.

Years in the making, the new accounting procedures—known as the A-21 regulations—spell out not only what charges the universities may make against government grants, but also how those charges are to

Continued on Page 15, Column 1

The 1980 Nobel Prizes: 8 of 10 Go to Americans

Literature
Czeslaw Milosz
U. of California at Berkeley

Chemistry
Paul Berg
Stanford University

Chemistry
Walter Gilbert
Harvard University

Chemistry
Frederick Sanger
Cambridge University

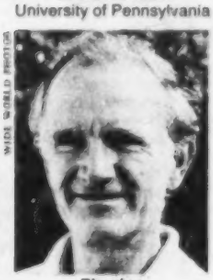
Economics
Lawrence Klein
University of Pennsylvania

Medicine
Baruj Benacerraf
Harvard University

Medicine
George D. Snell
Jackson Laboratory

Medicine
Jean Dausset
University of Paris

Physics
James W. Cronin
University of Chicago



Physics
Val L. Fitch
Princeton University

STOCKHOLM

Eight of the ten 1980 Nobel laureates in scholarly fields are U. S. citizens—two of them naturalized.

All but one of ten prizes announced this month by the Swedish Academy went to university professors.

The Nobel Prize in Literature was awarded to one of the two naturalized Americans—Czeslaw Milosz, a Lithuanian-born poet who is professor of Slavic languages at the University of California at Berkeley. Mr. Milosz, whose native town of Vilna became part of Poland in 1923, emigrated to the United States in 1960. He writes in both Polish and English.

A second naturalized American—Baruj Benacerraf, chairman of the department of pathology at Harvard University's medical school—was one of three recipients of the Nobel Prize in Medicine. Dr. Benacerraf, who was born in Venezuela, came to the United States in 1943.

He shared the prize with George D. Snell, senior staff scientist emeritus at the Jackson Laboratory in Bar Harbor, Maine, and Jean Dausset, a scientist at the immunological laboratory of St. Louis Hospital at the University of Paris.

The three were cited for work on how the body's genetic makeup determines its response to infection and to the development of cancer. The Royal Caroline Institute of Medicine in Stockholm, which awards the prize in medicine, said their work had made a significant contribution to the success of organ transplants.

In physics, the Nobel laureates were

Continued on Page 6, Column 1

NOTE

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HAVE BEEN FILMED

p. 1, 10, 18.